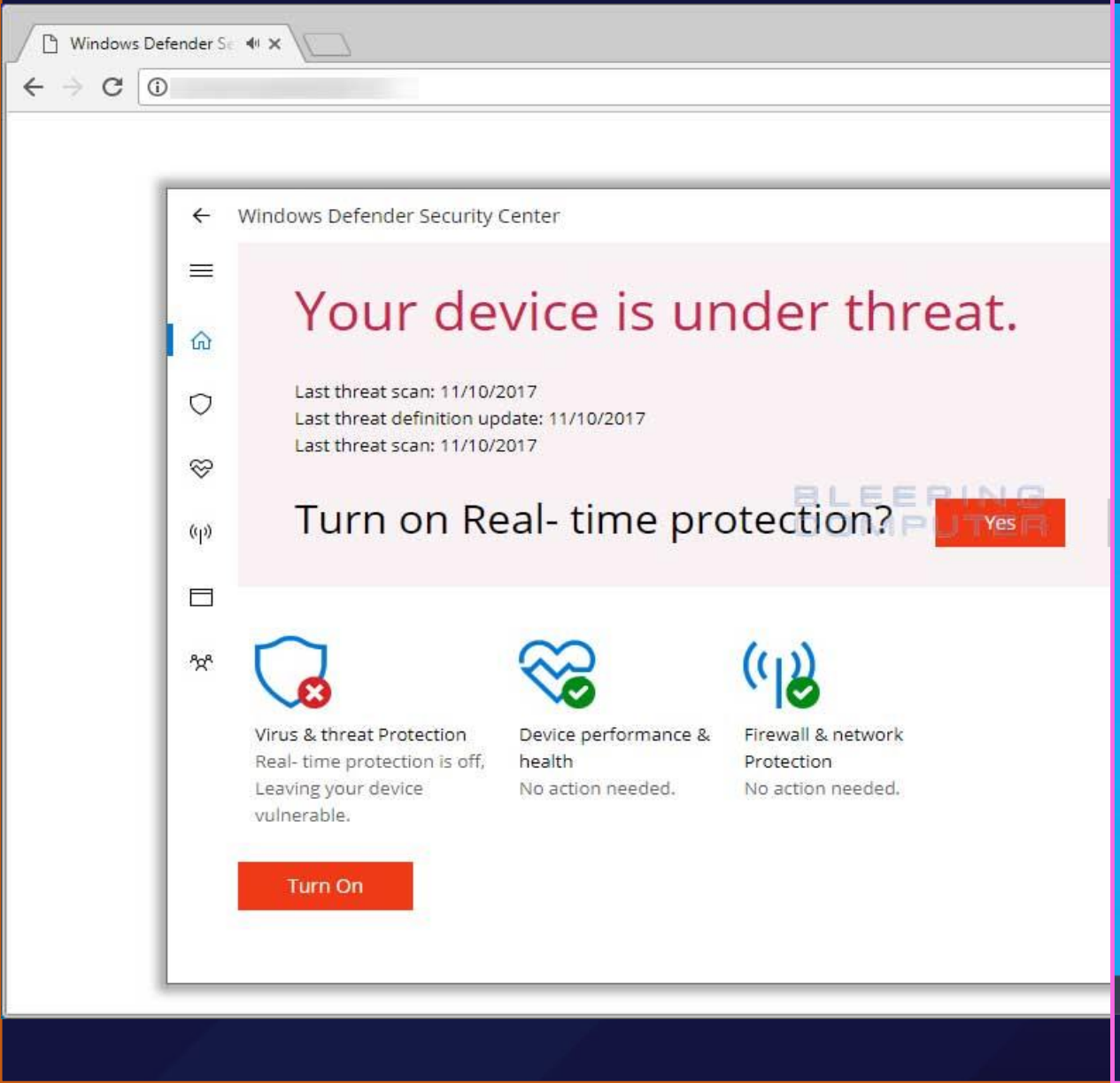
INLYSE

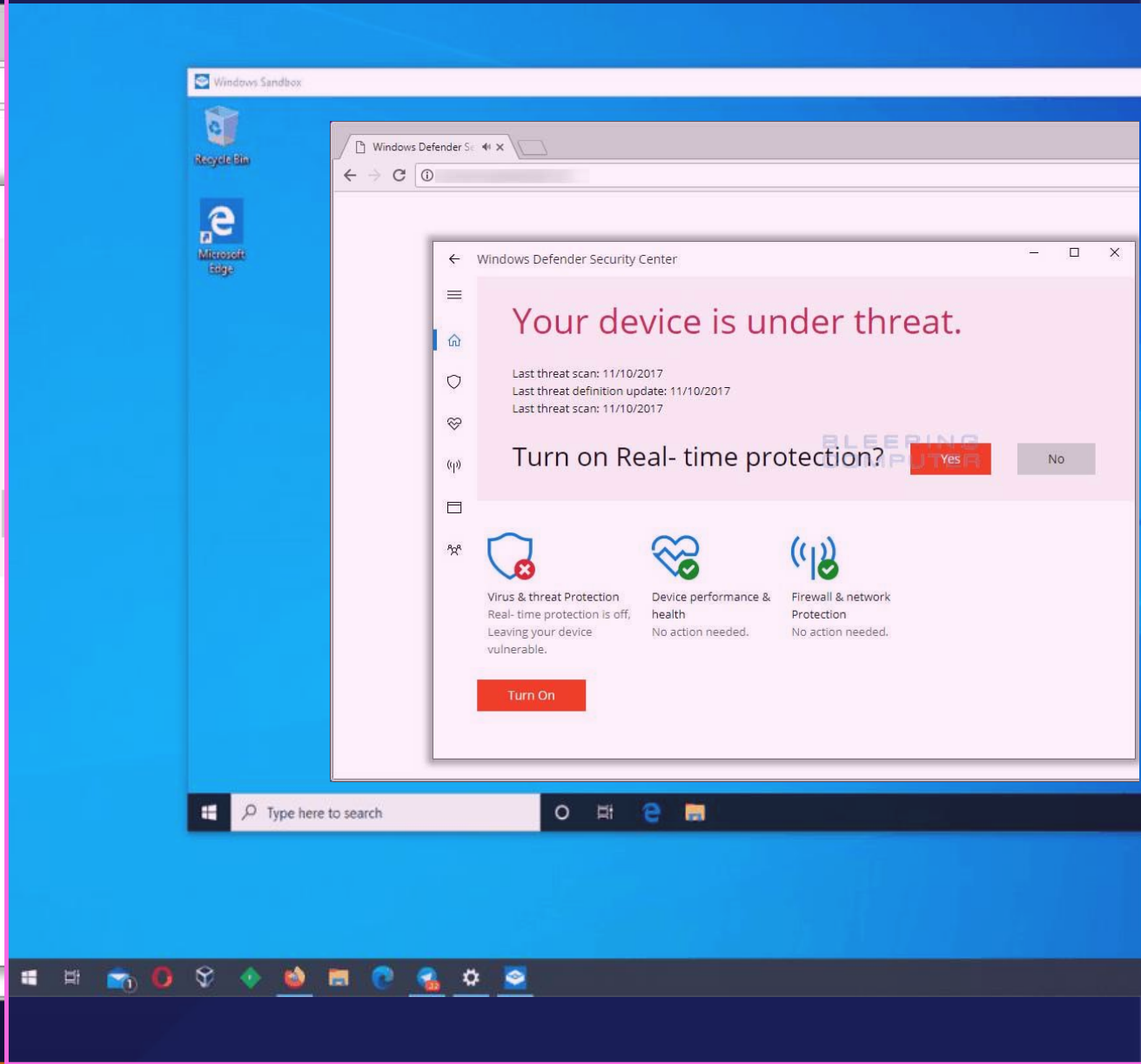
A NEW WAY OF MALWARE DETECTION

COMBINATION OF INTELLIGENT IMAGE RECOGNITION MECHANISMS & SELF-LEARNING NEURAL NETWORKS

Antivirus

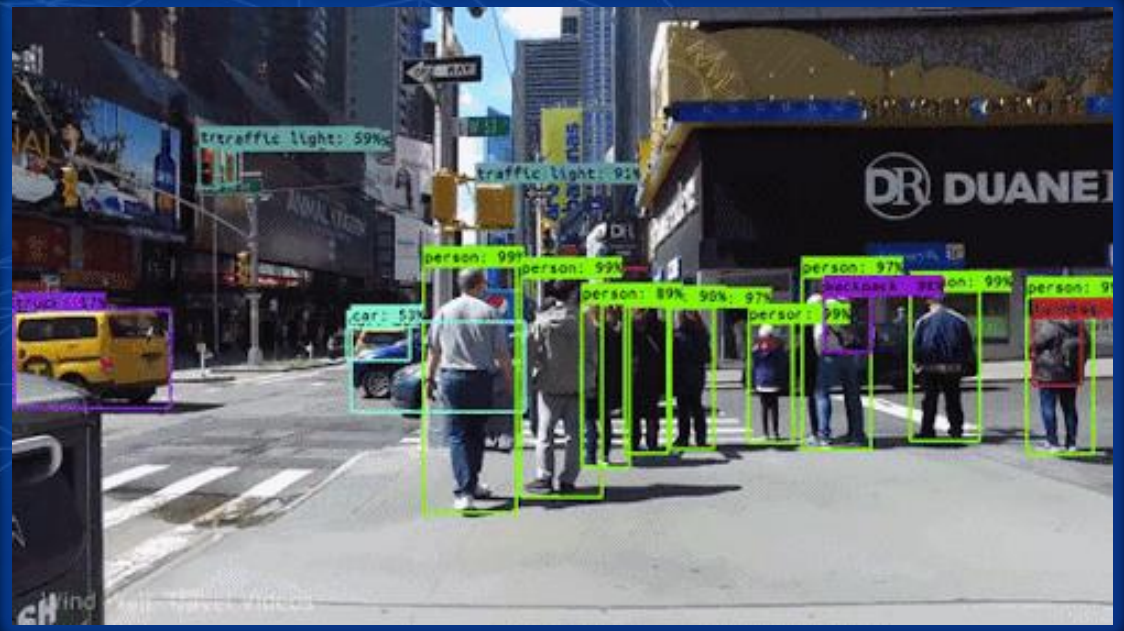


Sandbox



COMPUTER VISION

Computer vision is a field of artificial intelligence (AI) that enables computers and systems to derive meaningful information from digital images, videos and other visual inputs.



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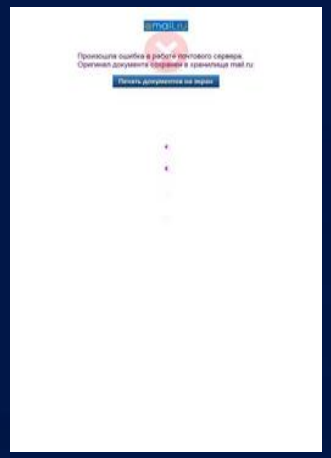
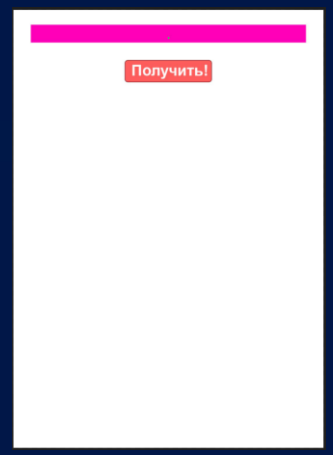
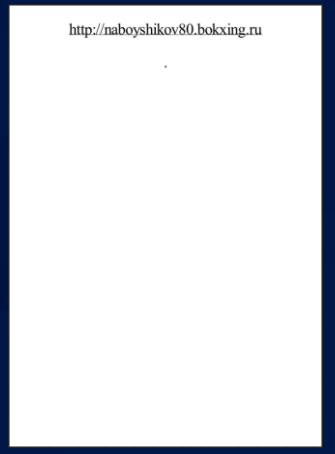
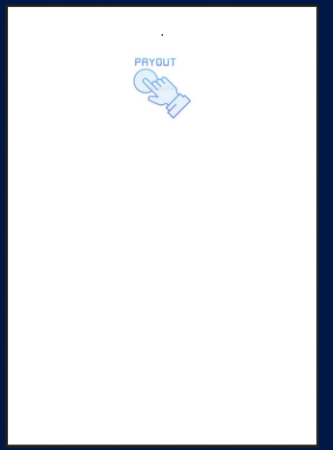
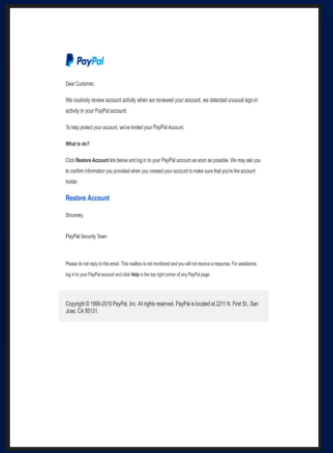
EXAMPLES
PHISHING / SCAM

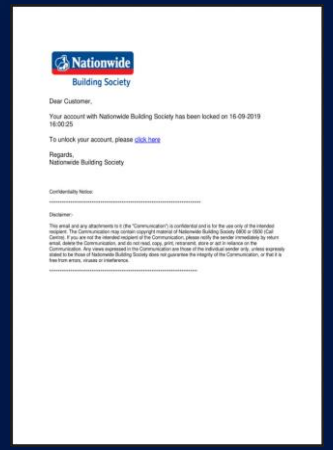








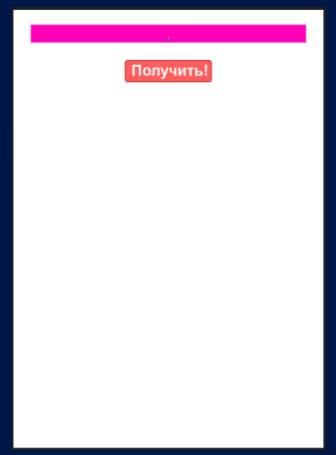


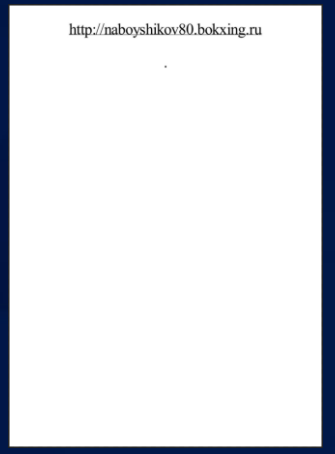


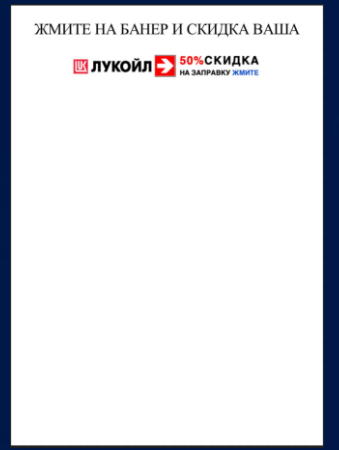
Results

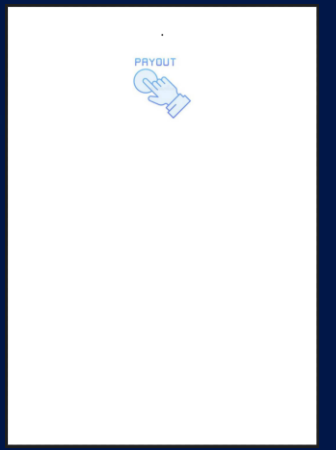
92%

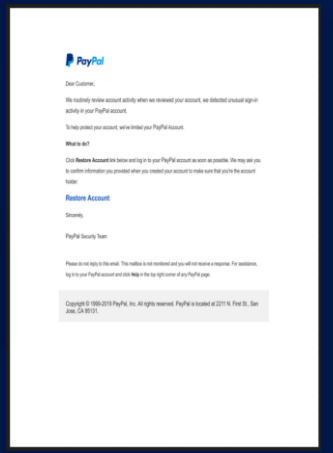
Correct classified



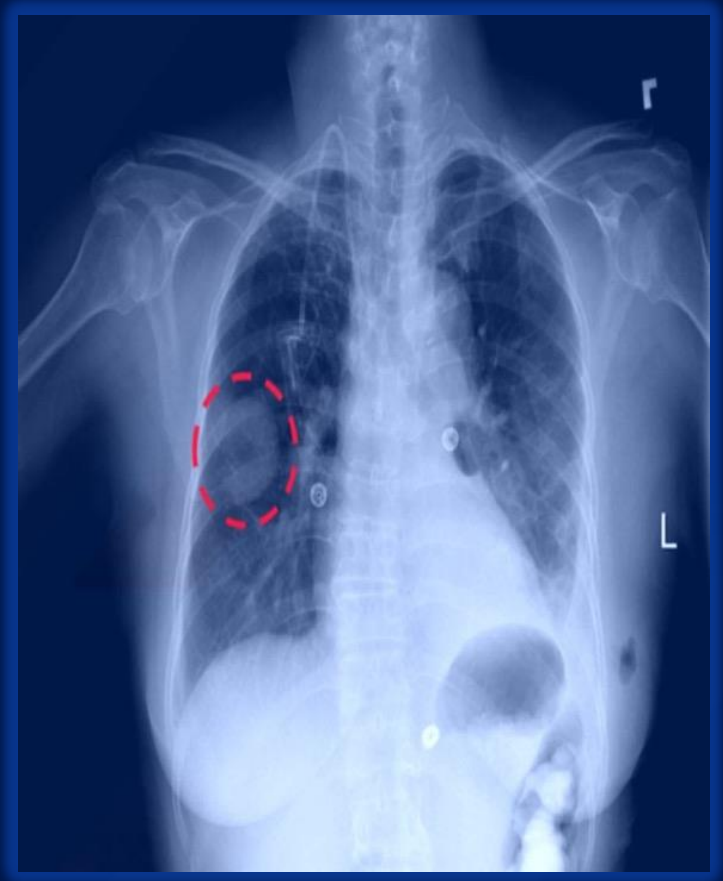




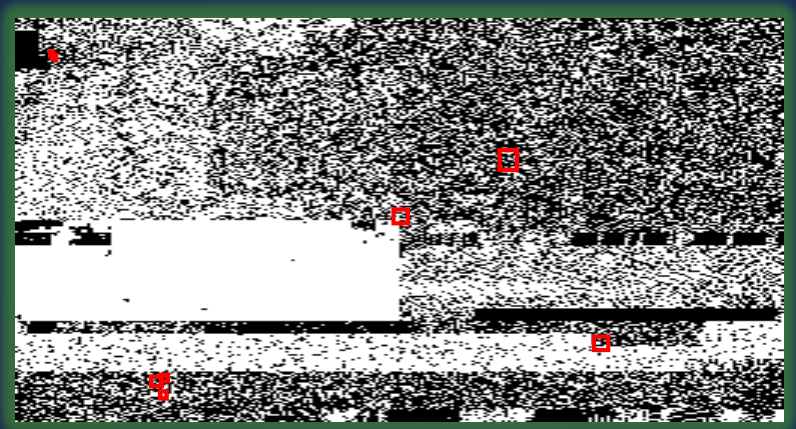


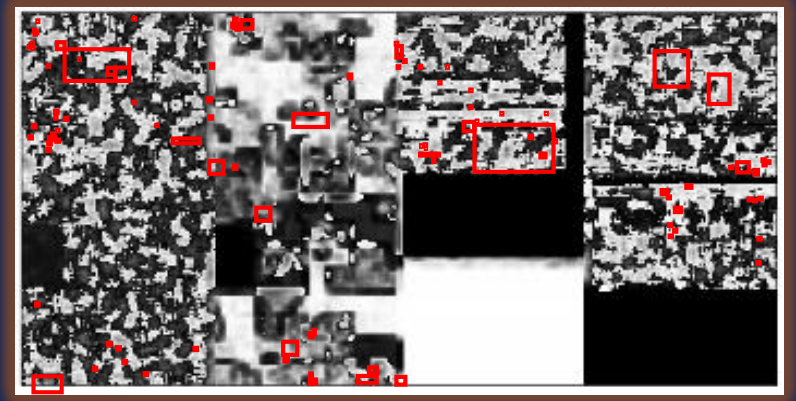


HUMAN MEDICINE



inlyse AI





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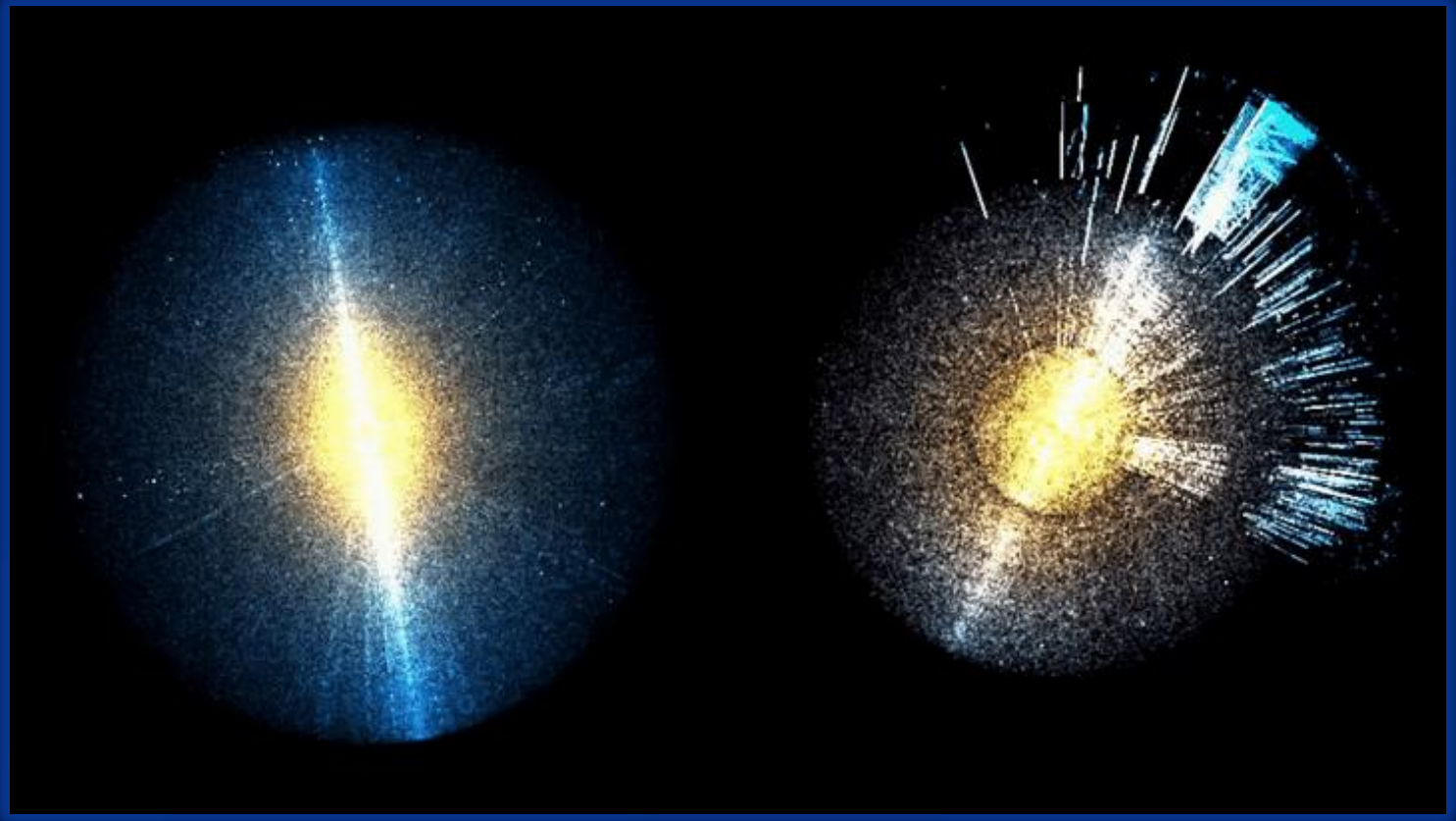
DATA
VISUALIZATION



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PATENT & BYPASSING MITIGATION

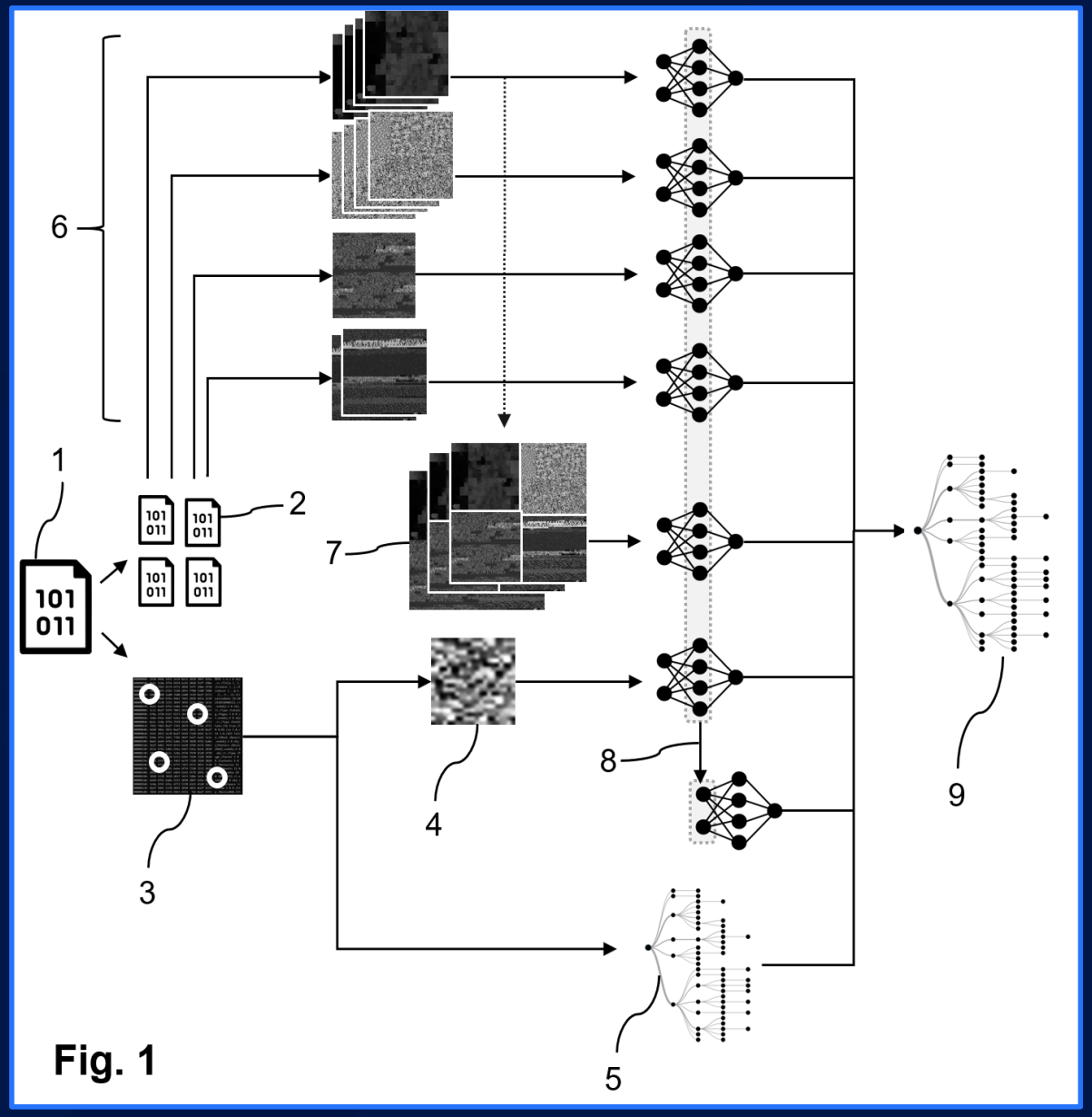

Fig. 1

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DETECTION RATES
TAKE AWAYS

DATASET

	PDF	MS-Office
benign	12.399.298	9.637.553
malicious	3.609.048	3.209.806
Total	**16.008.346**	**12.847.359**

Sources
Virusshare
Virustotal
Malshare
Self collected
Cooperations

DETECTION RATES

	PDF	MS-Office
True Positive Rate	99,59492%	99,54643%
False Positive Rate	0,08819%	0,09383%
True Negative Rate	99,91181%	99,90616%
False Negative Rate	0,05623%	0,05761%

AVERAGE ANALYSIS TIME

3s

PATENT PENDING

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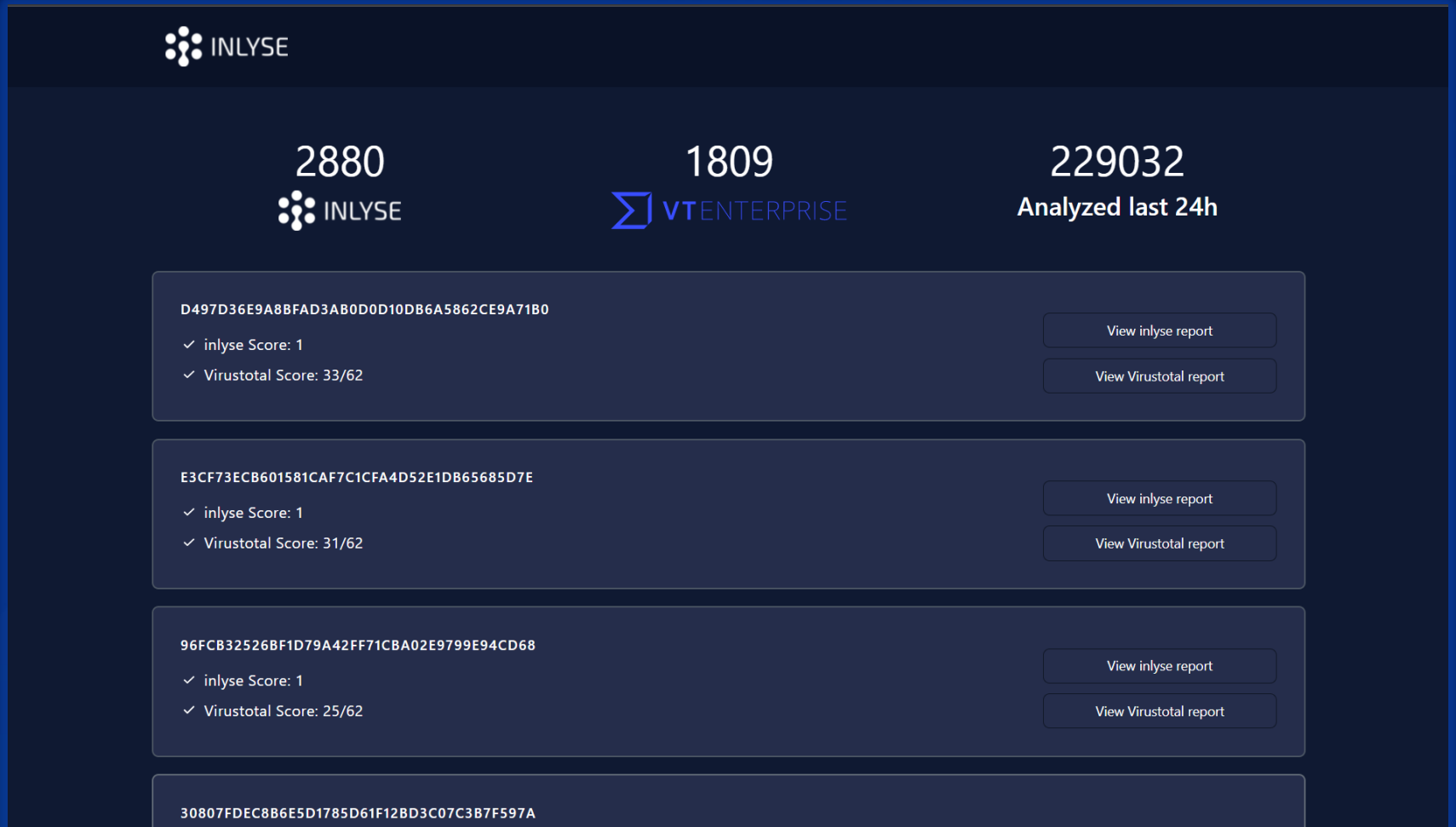

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inlyse FABRIC
PLUGINS & CDR

- Google Chrome
- Mozilla Firefox
- Microsoft Edge
- Opera Browser
- Mattermost
- Microsoft Outlook
- Outlook Web App
- IMAP Daemon Service
- E-Mail Gateway Service
- Rspamd
- Local Scanner
- Slack
- Mircrosoft OneDrive
- Microsoft Teams
- REST API

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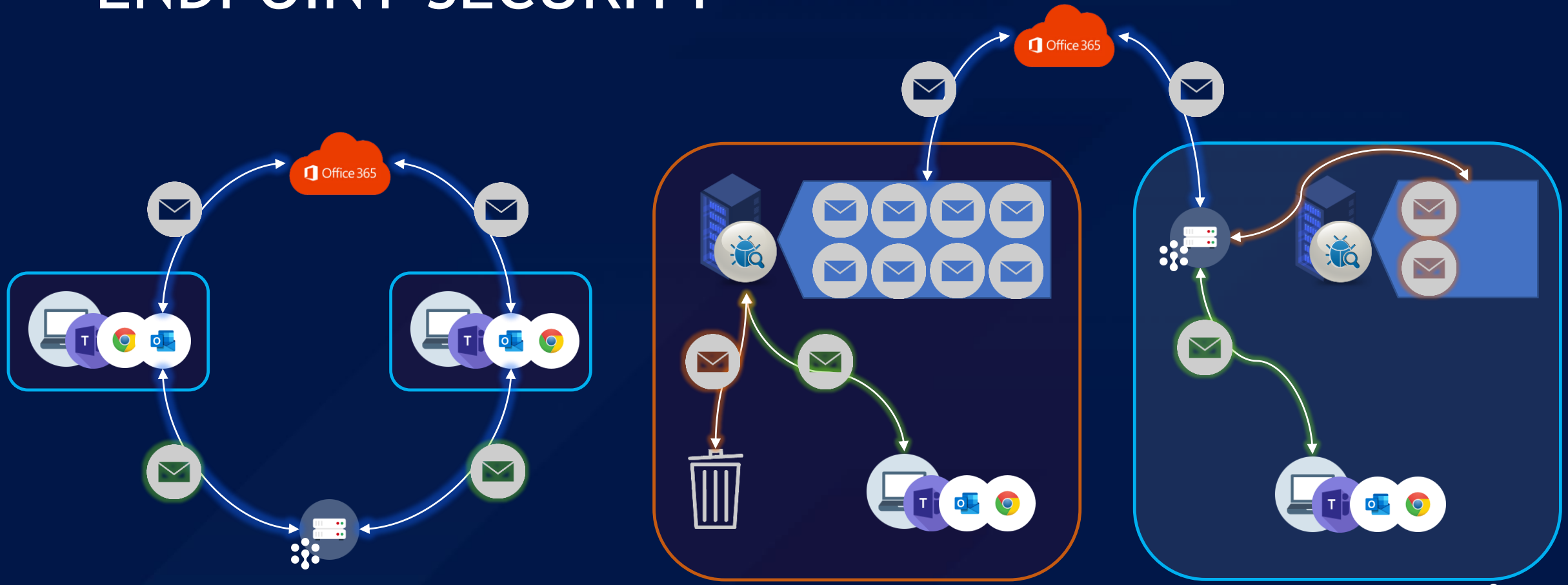
USE-CASES
PRE-CLASSIFICATION & ENDPOINT SECURITY



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Cloud | On Premise | Hybrid

Made in Germany

GDPR compliant

IT-SiG compliant

No active internet connection Required

8 month update cycle via USB/LAN

Cutting edge technology

Hybrid ready

Fast & easy deployment

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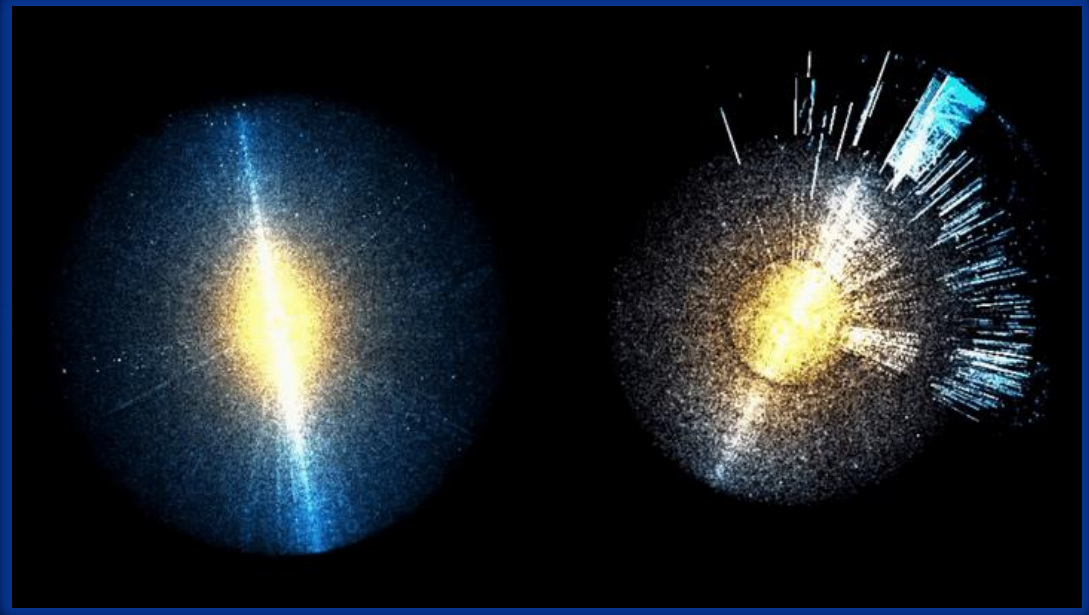
THANKS FOR

WATCHING



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